



COMMONWEALTH of VIRGINIA

DEPARTMENT OF FORENSIC SCIENCE

CENTRAL LABORATORY
A Nationally Accredited Laboratory

700 NORTH 5TH STREET
RICHMOND, VIRGINIA 23219
(804) 786-6971

CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II
SERIAL NUMBER: 010499
CERTIFICATION DATE: December 18, 2013
DATE RECERTIFICATION DUE: June 16, 2014

The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science. This certification is valid from the above listed certification date until the above listed date for recertification.

Timmy L. Neece, Jr.
Forensic Scientist

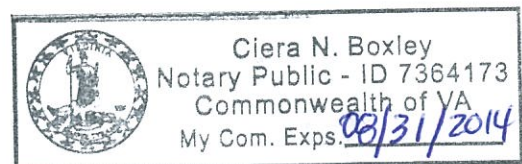
CITY OF RICHMOND
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 30th day of December, 2013 by Timmy L. Neece, Jr.

Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014

msk



DBH
TLN

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 12/19/2013**

Instrument Serial Number: 010499	As of 19-Dec-13
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Maintenance Date	Certification Date	Technician Initials	Remarks
18-Dec-13	18-Dec-13	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
10-Jul-13	10-Jul-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
23-Jan-13	23-Jan-13	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
02-Aug-12	02-Aug-12	DBH (21250)	CERTIFIED.
16-Feb-12	16-Feb-12	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
24-Aug-11	24-Aug-11	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
23-Mar-11	23-Mar-11	DBH (21250)	CERTIFIED
07-Oct-10	07-Oct-10	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
28-Apr-10	28-Apr-10	DBH (21250)	CERTIFIED
04-Nov-09	04-Nov-09	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
21-May-09	21-May-09	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
12-Dec-08	12-Dec-08	DBH (21250)	CERTIFIED.
17-Nov-08	17-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

DBH
TLV

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010499 Worksheet Start Date 12/18/2013
Location Giles CO SO
Address 503 Wenonah Ave Pearisburg VA 24134
DFS Technician Donald Hall License No. 21250

☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 716 Reference Barometer (mm HG) 718
Reference Barometer(RB)Serial # 009109 RB Calibration Due 8/1/2014

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.285
0.300	0.283	0.274	0.291	Sample 2	0.284
Precision		sample min	sample max	Sample 3	0.283
0.002		0.283	0.285		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.094
0.100	0.094	0.091	0.097	Sample 2	0.094
Precision		sample min	sample max	Sample 3	0.094
0		0.094	0.094		

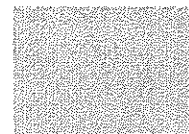
Dry gas standard Lot No. (with tank no.) AG227501-06

☒ Replaced dry gas standard (+O-ring)

☐ Installed at Location

☐ Removed to DFS-Central

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:



Notes:

[Redacted Notes Area]

Instrument Serial Number

010499

Certification Date

12/18/2013

☐ Calibrated☒ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.234
0.250	0.236	0.228	0.243	Sample 2	0.233
Precision		sample min	sample max	Sample 3	0.232
0.002		0.232	0.234		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.141
0.150	0.141	0.136	0.145	Sample 2	0.141
Precision		sample min	sample max	Sample 3	0.140
0.001		0.140	0.141		

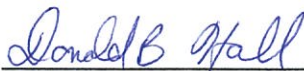
Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.075
0.080	0.075	0.072	0.078	Sample 2	0.075
Precision		sample min	sample max	Sample 3	0.075
0		0.075	0.075		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.018
0.020	0.019	0.016	0.022	Sample 2	0.018
Precision		sample min	sample max	Sample 3	0.018
0		0.018	0.018		

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician



Date

12/19/13

Issuing Analyst



Date

12/20/13

msk

Intox EC/IR-11: Certification

DBH
✓✓

Department of Forensic Science

Serial Number: 010499 Test Number: 479
Test Date: 12/18/2013 Test Time: 13:48 EST

Technician Initials: DBH

Dry Gas Target: 0.236

Lot Number: 2961225012-09 Exp Date: 11/01/2014

Tank Pressure: 703 psi Barometric Pressure: 716 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	13:49
BLK	0.000	13:49
CHK	0.234	13:50
BLK	0.000	13:52
CHK	0.233	13:52
BLK	0.000	13:54
CHK	0.232	13:55
BLK	0.000	13:56

Success

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

DBH
TUN

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010499 Test Number: 480

Test Date: 12/18/2013 Test Time: 13:58 EST

Technician Initials: DBH

Dry Gas Target: 0.141

Lot Number: 2951215012-03 Exp Date: 11/01/2014

Tank Pressure: 345 psi Barometric Pressure: 716 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	13:59
BLK	0.000	13:59
CHK	0.141	14:00
BLK	0.000	14:02
CHK	0.141	14:02
BLK	0.000	14:04
CHK	0.140	14:04
BLK	0.000	14:06

Success

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

DBH
TLV

Department of Forensic Science

Serial Number: 010499 Test Number: 481

Test Date: 12/18/2013 Test Time: 14:10 EST

Technician Initials: DBH

Dry Gas Target: 0.075

Lot Number: 0771308012-01 Exp Date: 05/01/2015

Tank Pressure: 924 psi Barometric Pressure: 716 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:11
BLK	0.000	14:12
CHK	0.075	14:13
BLK	0.000	14:14
CHK	0.075	14:15
BLK	0.000	14:16
CHK	0.075	14:17
BLK	0.000	14:18

Success

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued

Intox EC/1R-11: Certification

DBH
TLN

Department of Forensic Science

Serial Number: 010499 Test Number: 482

Test Date: 12/18/2013 Test Time: 14:20 EST

Technician Initials: DBH

Dry Gas Target: 0.019

Lot Number: 0651202011-05 Exp Date: 04/01/2014

Tank Pressure: 51 psi Barometric Pressure: 716 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:20
BLK	0.000	14:21
CHK	0.018	14:22
BLK	0.000	14:23
CHK	0.018	14:24
BLK	0.000	14:25
CHK	0.018	14:26
BLK	0.000	14:27

Success

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

Intox EC/1R-11: Accuracy Check

JBH
TLN

Department of Forensic Science

Serial Number: 010499 Test Number: 483

Test Date: 12/18/2013 Test Time: 14:30 EST

Dry Gas Target: 0.283

Lot Number: AG322702-07 Exp Date: 08/15/2015

Tank Pressure: 276 psi Barometric Pressure: 716 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:31
CHK	0.285	14:31
BLK	0.000	14:33
CHK	0.284	14:34
BLK	0.000	14:36
CHK	0.283	14:36

Test Status: *Success*

Calibration CRC: 1288E7D0

DBH
TVN

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010499 Test Number: 484

Test Date: 12/18/2013 Test Time: 14:39 EST

Dry Gas Target: 0.094

Lot Number: AG227501-06 Exp Date: 10/01/2014

Tank Pressure: 639 psi Barometric Pressure: 716 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:40
CHK	0.094	14:40
BLK	0.000	14:42
CHK	0.094	14:43
BLK	0.000	14:44
CHK	0.094	14:45

Test Status: *Success*

Calibration CRC: 1288E7D0

DBH
TLN




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 12/18/2013
TEST EQUIPMENT NUMBER 010499		

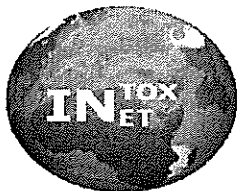
RESULTS: TIME SAMPLE TAKEN 14:53 EST
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:
I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 19 Dec 2013 at 09:10

DBH
TLW

Test Results

Instrument Serial Number 010499

Test # 000485 Subject Test

Test Location 1 Department of
Test Date 18 Dec 2013

Test Location 2 Forensic Science
Test Time 14:47
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name HALL
Agency DFS Central Lab

Operator's First Name DONALD

Operator's Middle Initial B
License Number 21250

Card Serial Number 121250

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 18 Dec 2013 End Time 14:55

Result Time 14:53

Result Date 18 Dec 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 14:47

Data Type BLK

Sample Value 0.000

Sample Time 14:48

Data Type CHK

Sample Value 0.094

Sample Time 14:49

Data Type BLK

Sample Value 0.000

Sample Time 14:50

Data Type SUBJ

Sample Value 0.000

Sample Time 14:51

Data Type BLK

Sample Value 0.000

Sample Time 14:52

Data Type SUBJ

Sample Value 0.000

Sample Time 14:53

Data Type BLK

Sample Value 0.000

Sample Time 14:54

Standard Type Dry Gas Std

Standard Value 0.094

Standard Lot Number AG227501-06

Standard Expiration Date 10/01/2014

Tank Pressure 629

Barometric Pressure 716 mmHg

Blow Sample Number 1 Blow Duration 3.81 sec

Blow Volume 2000 cc End-of-Blow Time 14:51

Blow Sample Number 2 Blow Duration 3.56 sec

Blow Volume 1882 cc End-of-Blow Time 14:53

Tamper Evident Stamp 7d4ff648

Test Status Code 0

Test Status Success